MIAMI-DADE COUNTY

DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY AFFAIRS (PERA)

BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY, Florida PRODUCT CONTROL SECTION 11805 SW 26 Street, Room 208 Miami, Florida 33175-2474 T (786) 315-2590 F (786) 315-2599 www.miamidade.gov/pera/

Marvin Windows and Doors Highway 11 West P. O. Box 100 Warroad, MN 56763-0100

Scope:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA-Product Control Section to be used in Miami-Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami-Dade County) and/or the AHJ (in areas other than Miami-Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "Stormplus IZ4" 10'-0" Outswing Wood French Doors - L.M.I.

APPROVAL DOCUMENT: Drawing No. 1452, "Clad 21/4-in. Outswing French Door Stormplus IZ4", sheets 1 through 7 of 7, prepared by W. W. Schaefer Engineering & Consulting, P. A., dated 09/30/2005 and latest revision "B1", dated 06/10/2010, signed and sealed by Warren W. Schaefer, P. E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and Expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant.

LIMITATIONS:

1. Only single fixed panel door is permitted with adhesive PL-400 (OSI) sealant without anchors.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/ series and following statement: "Miami-Dade County Product Control Approved" unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA No. 10-0621.03 and consists of this page 1, evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Jaime D. Gascon, P. E.



J.645001

NOA No. 11-1019.07 Expiration Date: January 05, 2016 Approval Date: November 24, 2011

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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.

(Submitted under previous NOA's No's. 08-0917,09 and 05-1012,03)

2. Drawing No. 1452, "Clad 21/4-in. Outswing French Door Stormplus IZ4", sheets 1 through 7 of 7, prepared by W. W. Schaefer Engineering & Consulting, P. A., dated 09/30/2005 and latest revision "B1", dated 06/10/2010, signed and sealed by Warren W. Schaefer, P. E.

(Submitted under previous NOA No.10-0621.03)

B. TESTS

- 1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202–94
 - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Large Missile Impact Test per FBC, TAS 201–94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94

along with the manufacturer's parts drawings, installation diagram and marked-up drawings of outswing wood doors, prepared by Stork Twin City Testing Corp., Test Report No. **STCT 113–96398.1**, dated 07/18/2008, signed and sealed by Thomas Kolden, P. E.

(Submitted under previous NOA No.08-0917.09)

- 2. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202–94
 - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Large Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203–94
 - 6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94

along with the manufacturer's parts drawings, installation diagram and marked-up drawings of outswing wood doors, prepared by Architectural Testing, Inc., Test Report No. ATI 58623.01–210–18, dated 09/06/2005, signed and sealed by Joseph A. Reed, P. E.

(Submitted under previous NOA No.05-1012.02)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC, prepared by W. W. Schaefer Engineering & Consulting, P. A., dated 06/10/2010, signed and sealed by Warren W. Schaefer, P. E.

(Submitted under previous NOA No.10-0621.03)

Jaime D. Gascon, P. E.

Product Control Section Supervisor NOA No. 11-1019.07

Expiration Date: January 05, 2016 Approval Date: November 24, 2011

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

C. CALCULATIONS CONTUNIED)

2. Glazing complies with ASTM E1300-98/04 (Submitted under previous NOA No.10-0621.03)

D. QUALITY ASSURANCE

1. Miami-Dade Department of Permitting, Environment, and Regulatory Affairs (PERA).

E, MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. 11-0624.02 issued to E.I. DuPont DeNemours & Co., Inc. for their "DuPont Sentry Glass® Interlayer" dated 05/26/2010, expiring on 01/14/12.

F. STATEMENTS

- 1. Statement letter of conformance and compliance with the FBC-2010, dated 10/13/2011, signed and sealed by Warren W. Schaefer, P. E.
- 2. Statement letter of independence and no financial interest, dated 10/13/2011, signed and sealed by Warren W. Schaefer, P. E.
- 3. Statement letter of conformance and compliance with the FBC-2007, dated 06/10/2010, signed and sealed by Warren W. Schaefer, P. E. (Submitted under previous NOA No.10-0621.03)
- 4. Statement letter of independence and no financial interest, dated 06/10/2010, signed and sealed by Warren W. Schaefer, P. E.

(Submitted under previous NOA No.10-0621.03)

- 5. Laboratory addendum letter for Test Report No. STCT 113-96398.1, issued by Stork Twin City Testing Corp., dated 12/18/2008, signed and sealed by Thomas Kolden, P. E. (Submitted under previous NOA No.08-0917.10)
- 6. Laboratory compliance letter for Test Report No. STCT 113-96398.1, issued by Stork Twin City Testing Corp., dated 07/18/2008, signed and sealed by Thomas Kolden, P. E. (Submitted under previous NOA No.08-0917.09)
- 7. Proposal issued by BCCO, dated March 07, 2008, signed by Jaime D. Gascon, P. E. (Submitted under previous NOA No.08-0917.09)
- 8. Laboratory compliance letter for Test Report No. ATI 58623.01–210–18 issued by Architectural Testing, Inc., dated 09/06/20, signed and sealed by Joseph A. Reed, P. E. (Submitted under previous NOA No.05–1012.02)
- 9. Proposal No. 04-0436 issued by BCCO, dated 10/12/04, signed by Manuel Perez, P. E. (Submitted under previous NOA No.05-1012.03)

G. OTHERS

1. Notice of Acceptance No. 10-0621.03, issued to Marvin Windows and Doors for their Series "Stormplus IZ4 10'-0" Outswing Wood French Doors – L.M.I.", approved on 10/13/2010 and expiring on 01/05/2016.

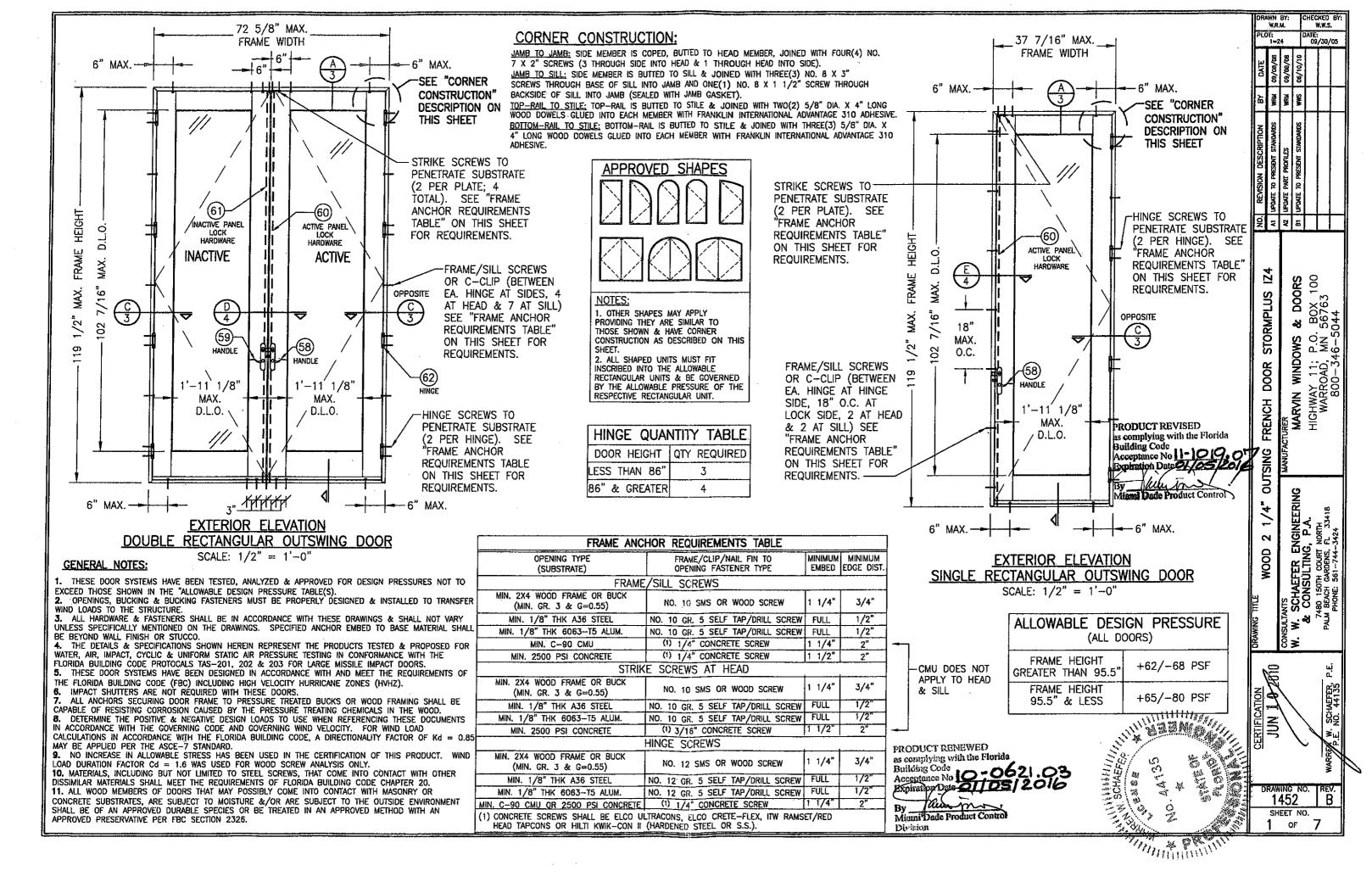
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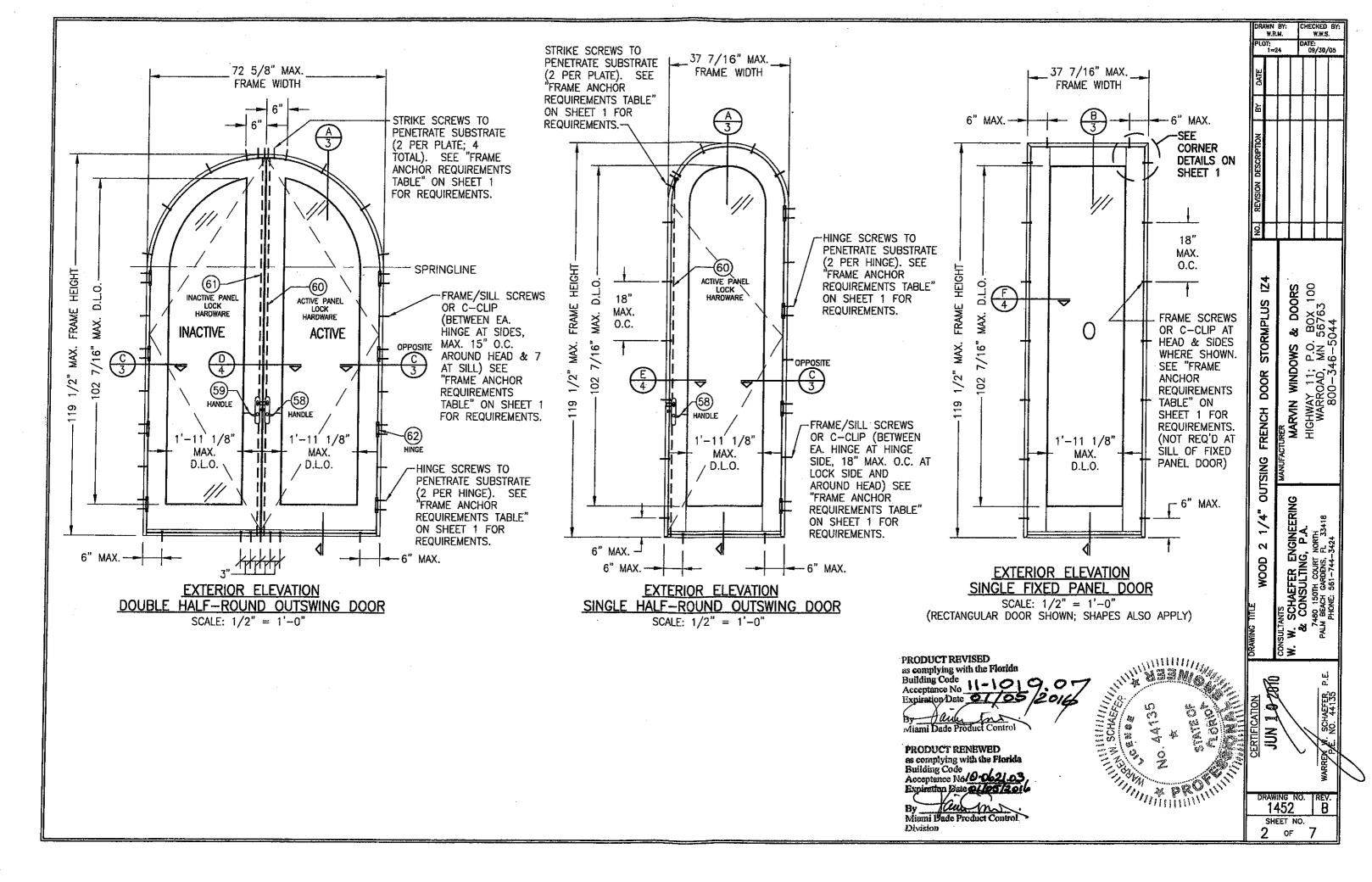
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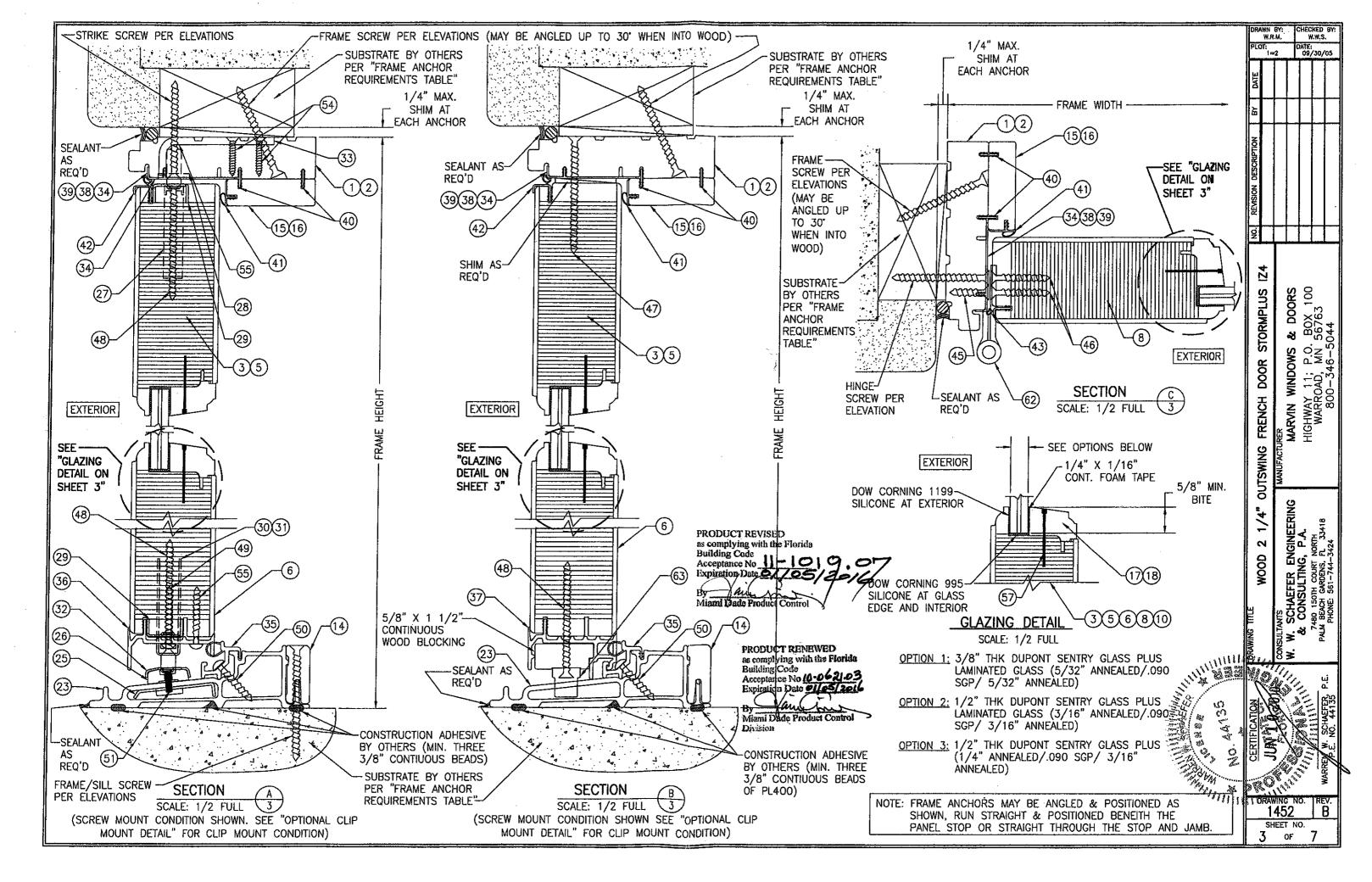
Jaime D. Gascon, P. E.

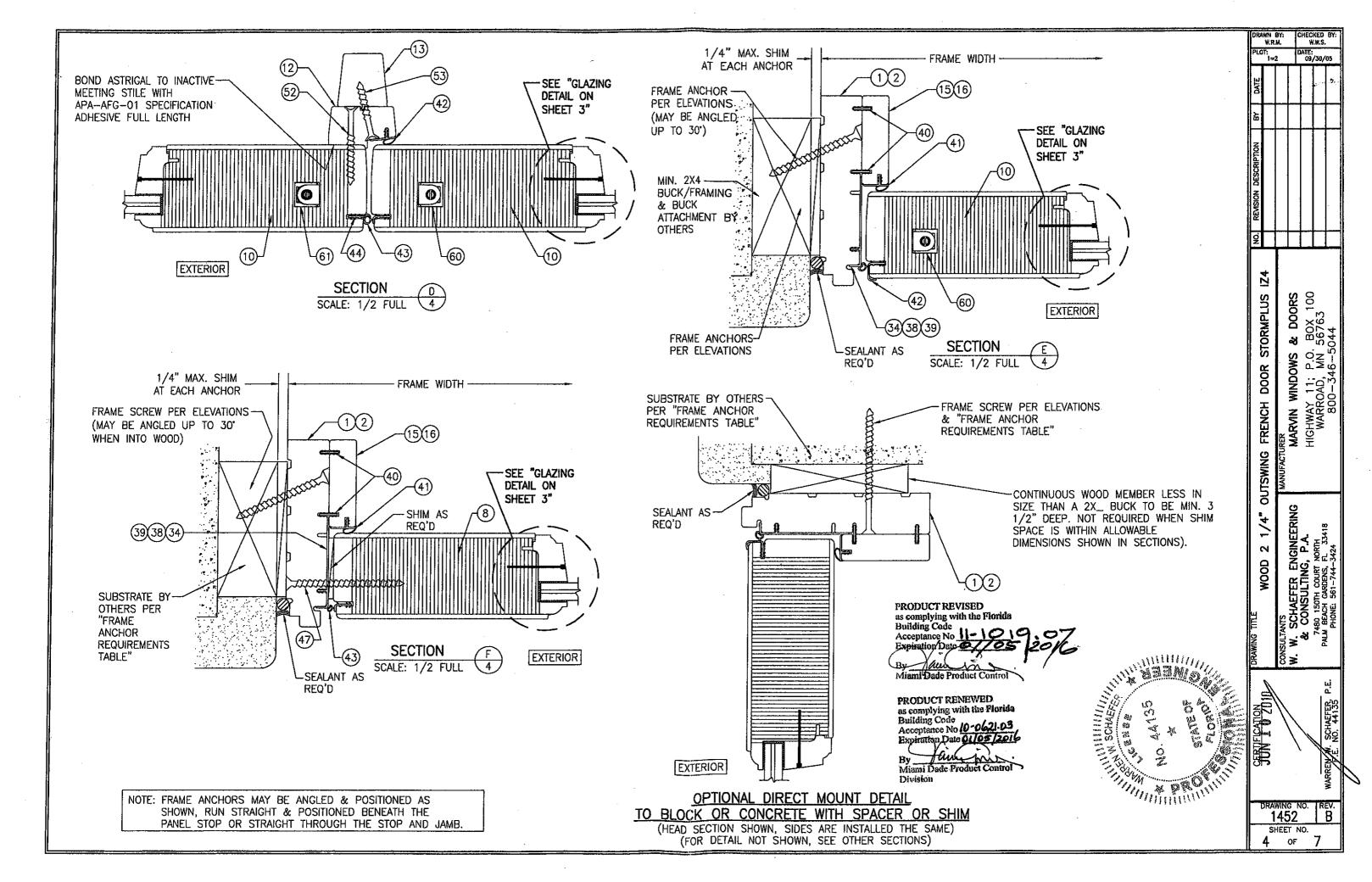
Product Control Section Supervisor NOA No. 11-1019.07

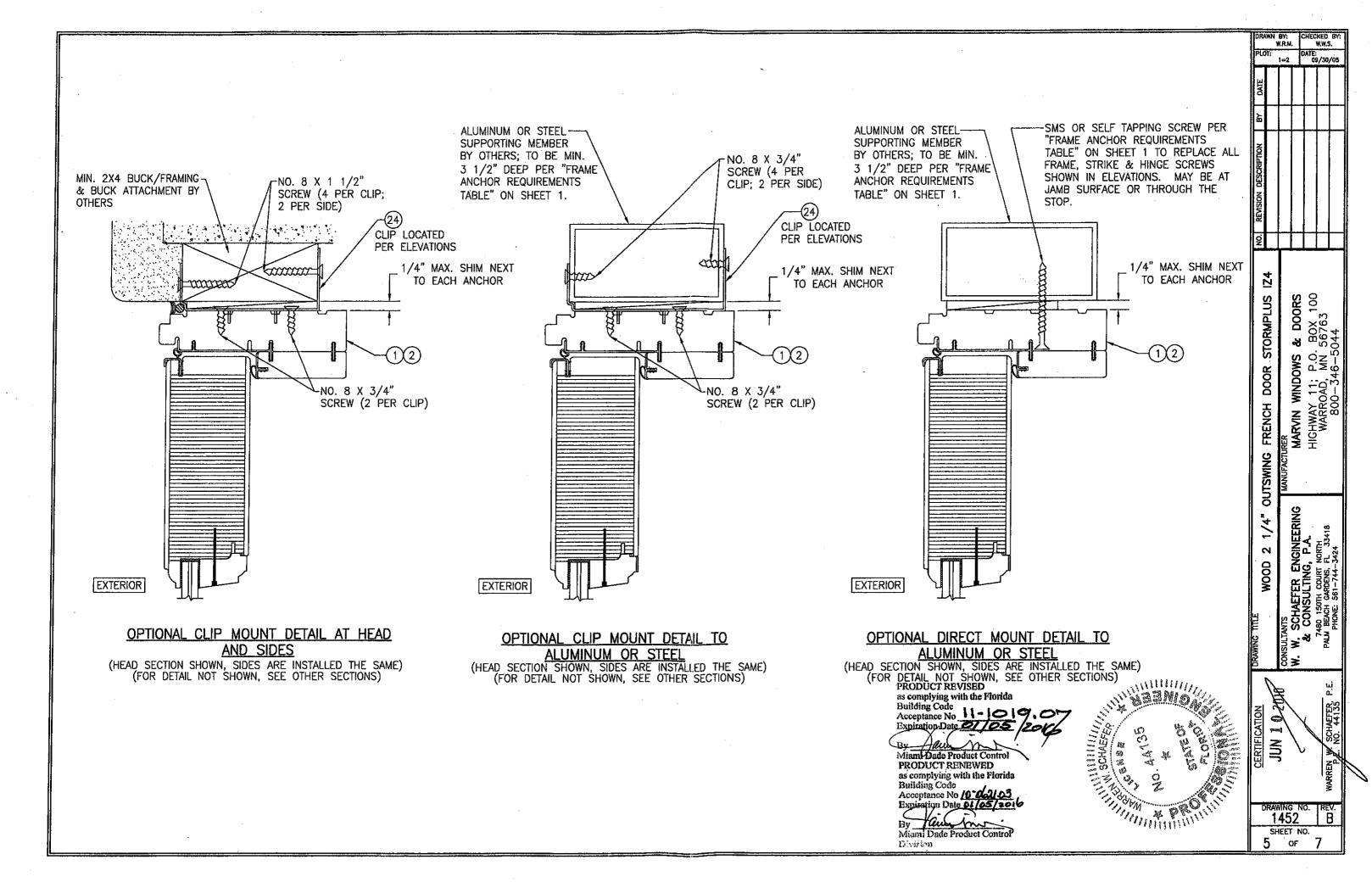
Expiration Date: January 05, 2016 Approval Date: November 24, 2011

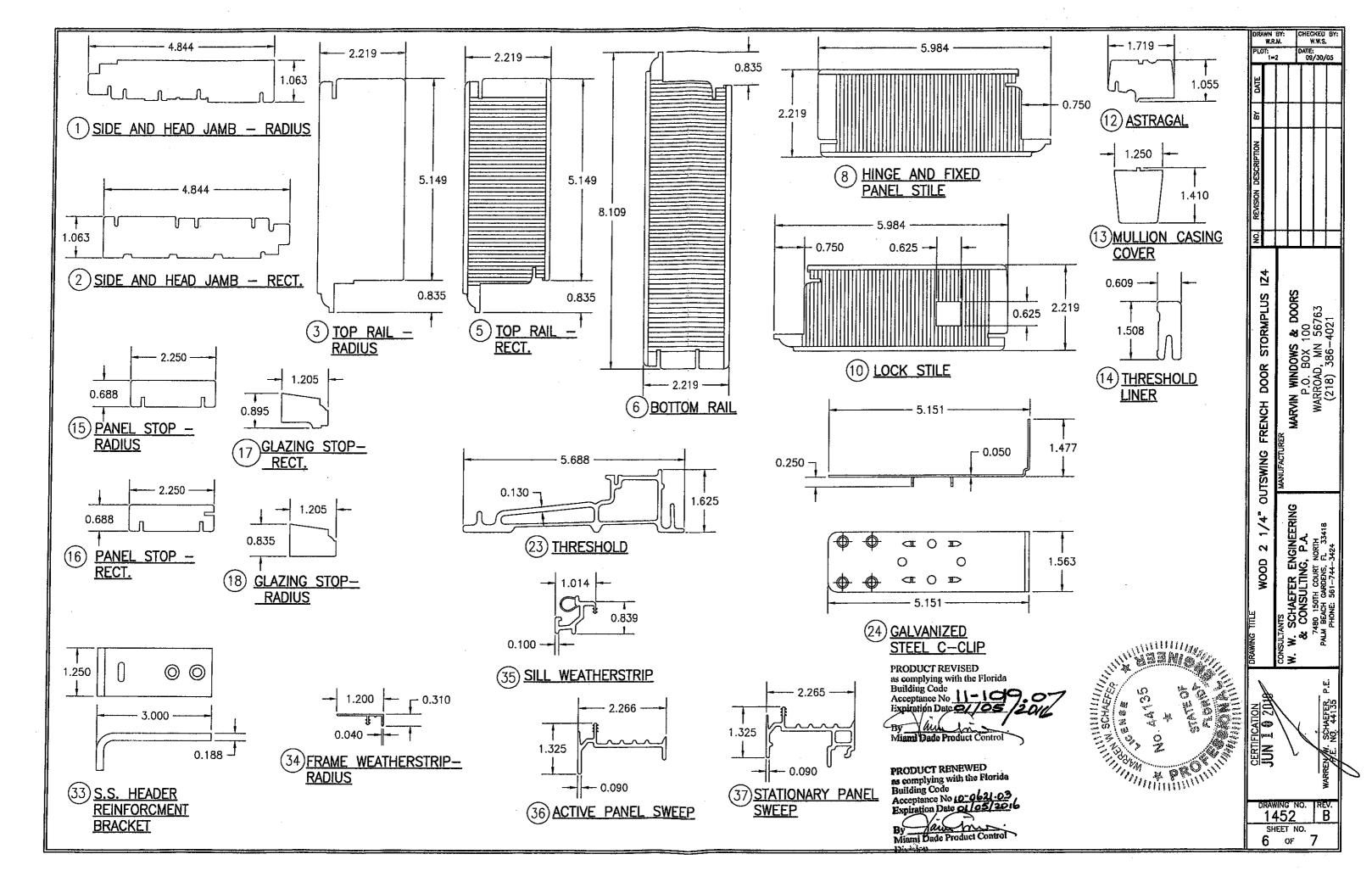












F	ARTS LIST	PARTS LIST	DRAWN BY: CHECKED W.R.M. W.W.S
NO. REF. NO. DESCRIPTION	NOTES	NO. REF. NO. DESCRIPTION NOTES	PLOT: DATE: 09/30/
	RTS & EXTRUSIONS	FASTENERS	
1 00053994 SIDE & HEAD JAMB - RADIUS	*WOOD	45 - NO. 12 X 1" S/STL SMS 2 PER HINGE INTO JAMB	
2 00011673 SIDE & HEAD JAMB - RECT.	*WOOD	46 - NO. 12 X 1 1/2" S/STL SMS 4 PER HINGE INTO STILE	
3 00033507 TOP RAIL - RADIUS	*WOOD (FINGER JIONTED)	47 - NO. 8 X 2 1/2" S/STL SMS 4" FROM CORNERS & MAX. 12" O.C.	
5 00032950 TOP RAIL - RECT.	LVL WITH PINE VENEER	48 - NO. 8 X 3" S/STL SMS 1 PER SHOOT BOLT GUIDE (ACTIVE PANEL); 2 PER SILL BOLT (FIXED PANEL)	
6 00033711 BOTTOM RAIL	LVL WITH PINE VENEER	49 - NO. 8 X 1 1/2" P.H. S/STL SMS 2.5" FROM ENDS & MAX. 9" O.C. WITH ADDITIONAL ONE AT LOCK THROW	
8 00032950 HINGE & FIXED PANEL STILE	LVL WITH PINE VENEER	50 - NO. 8 X 1 1/4" S/STL P.H. SMS 2 1/4" FROM ENDS & MAX. 11" O.C.	
10 00033069 LOCK STILE	LVL WITH PINE VENEER	51 - NO. 8 X 5/8" MACHINE SCREW 2 PER THRESHOLD STRIKE	- B
12 00016785 ASTRAGAL	*WOOD	52 - NO. 7 X 2" A/TF 3" FROM ENDS & MAX. 12" O.C.	
13 00034006 MULLION CASING COVER	*WOOD	53 - NO. 8 X 1 1/2" A/TF 1" FROM ENDS & MAX. 12" O.C.	
14 00011114 THRESHOLD LINER	OAK	54 - NO. 8 X 1" AB 2 PER HEADER REINFORCEMENT PLATE	
15 00054053 PANEL STOP - RADIUS	*WOOD	155 NO. 8 X 1 AB 2 FEN THOMEN FEATE 1.5" FROM ENDS & MAX. 8.25" O.C.	
16 00052944 PANEL STOP - RECT.	*WOOD	· · · · · · · · · · · · · · · · · · ·	- Q
17 00053530 GLAZING STOP — RECT.	*WOOD		
18 000333496 GLAZING STOP — RADIUS	*WOOD		- 4
		HARDWARE Les TOORTAGE LOCK EVETEN LAS PROVIDED TO OPERATE LOCK EVETEN	- ≌
	PAINTED ULTREX (FIBERGLASS WITH MIN. Fy = 39 KSI)	58 00037266 ACTIVE DOOR HANDLE AS REQUIRED TO OPERATE LOCK SYSTEM	— સ ક ક
	1 1/2" WIDE X 6 1/2" LONG X .050" THK	59 00037267 INACTIVE DOOR HANDLE AS REQUIRED TO OPERATE LOCK SYSTEM	ᆌᅚᆛᅝᇃᆄ
25 00027022 S.S. BACKER PLATE	MAY REPLACE FRAME FASTENERS PER ELEVATIONS.	60 00013771 ACTIVE DOOR 3-POINT LOCK HARDWARE ASHLAND	STORMPLL S & DOOP O. BOX 1 N 56763
	1 AT EA. SILL STRIKE BELOW SILL; 2.141 X 2.563 X 0.063 THK	61 00013966 INACTIVE DOOR 2-POINT LOCK HARDWARE ASHLAND	ୁଅ ^ଲ ୫ ା ପ୍ରାଧ
26 00014912 GLASS REINFORCED ACETAL SILL STRIKE	1 A1 EA. LUCK BAR; 1.0/ X 2.82 X 0.3 THK	62 00034984 4.5 X 4.5 BALL BEARING HINGE HAGER	
27 00014905 GLASS FILLED NYLON SHOOT BOLT GUIDE	······································	63 00011232 SILL BOLT ZINC DIE CAST (2 PER FIXED PANEL)	
28 00004621 S.S. HEAD STRIKE PLATE	1 FOR EA. LOCK BAR (HEADER); 2.75 X 1 X 0.0705 THK		WINDOW 11: P
29 00026910 S.S. STILE END PLATE	1 AT EA. PANEL (TOP AND BOTTOM); 0.933 X 3.547 X 0.063 THK		
30 00015312 S.S. SHOOT BOLT GUIDE REINFORCEMENT		0.884	1
31 00015314 GLASS FILLED NYLON SHOOT BOLT GUIDE		0.583	FRENCH DOO JRER MARVIN WINDO HIGHWAY 11; WARROAD;
32 00027702 S.S SILL STRIKE	1 AT EA. LOCK BAR; 0.250 X 2.661 X .048 THK	0.475"	# # # # # #
	1 FOR EA. LOCK BAR (HEADER) 1.500 X 3.000 X .188 THK	0.040 (CONNICOTING PART	9 6
	VINYL PER MARVIN SPECIFICATION (SEE REFERENCE NO.)	(38) FRAME WEATHERSTRIP— (39) FRAME (40) CONNECTING BARB	
	VINYL PER MARVIN SPECIFICATION (SEE REFERENCE NO.)	RADIUS WEATHERSTRIP—RECT.	I S I NAM
	VINYL PER MARVIN SPECIFICATION (SEE REFERENCE NO.)	· · · · · · · · · · · · · · · · · · ·	8
	VINYL PER MARVIN SPECIFICATION (SEE REFERENCE NO.)		74" RING
	/INYL PER MARVIN SPECIFICATION (SEE REFERENCE NO.)	0.040"	
	/INYL PER MARVIN SPECIFICATION (SEE REFERENCE NO.)	□ □ 0.035" □ □ 0.720" □ □ □ 0.720" □ □ □ □ 0.720" □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	SINEE P.A.
	S AND SEALANTS		
	/INYL PER MARVIN SPECIFICATION (SEE REFERENCE NO.)	0.561"	WOOD ER EN ILTING,
	/INYL PER MARVIN SPECIFICATION (SEE REFERENCE NO.)	0.658"	
······································	/INYL PER MARVIN SPECIFICATION (SEE REFERENCE NO.)	(43) PANEL WEATHERSTRIP	P3 ₹2
	/INYL PER MARVIN SPECIFICATION (SEE REFERENCE NO.)	(41) WEATHERSTRIP (42) PANEL COVER WEATHERSTRIP	I
44 00052828 INACTIVE WEATHERSTRIP	INYL PER MARVIN SPECIFICATION (SEE REFERENCE NO.)	CHAIREL COVER WEATHERSTRIP	E EROS
MODULUS OF ELASTICITY OF E = 1,200,00 THIS PRODUCT ARE THOSE WITH A SPECIFI	E WITH A SPECIFIC GRAVITY OF G = 0.43 AND A 0 PSI. OTHER WOOD SPECIES APPLICABLE FOR USE WITH C GRAVITY OF 0.43 AND MODULUS OF ELASTICITY OF MINIMUM GRADE 2 MILLED BY MARVIN WINDOWS &	0.579 - 0.700 © ©	DRAWING CONSULT W. W
		0.134 O.250 O.750	JUN 2 2010
		PRODUCT RENEWED as complying with the Florida Building Code Acceptance No (0 0621-03) Expiration Date 01/05/2016 By Mineri Code Product Control Miami Dade Product Control	DRAWING NO. REV 1452 B SHEET NO. 7 OF 7